C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.56.bd BAF Experimental Area (Z1) Sweep Checklist

C-A-OPM Procedures in which this Attachment is used.		
4.56		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials
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Approved: _____*Signature on File*_____ _____
Collider-Accelerator Department Chairman   Date

P. Ingrassia

BAF EXPERIMENTAL AREA (Z1) SWEEP CHECKLIST

(Team leader)_____ (Operator 2) _____

Time:_____ Date:_____

Warning:

IF any personnel are encountered during the sweep, **THEN** determine whether their work will be completed in a short time. **IF** the work will take a long time, **THEN** contact the OC to see if the sweep should be aborted.

Prerequisites
- Two persons to perform the sweep,
- BAF Experimental Area Sweep Checklist for C-A-OPM-ATT 4.56.bd (one sheet)
- TLD
- Keys: Sweep/Reset (EB021) key, Controlled Access (CA) (EB020) key, and Sweep/Reset (EB023) Key.
- BAF Experimental Area set to Controlled Access.

Check

____1.   Team Leader contacts MCR to verify that BAF experimental area is on Controlled Access.

____2.   Sweep Team goes to BAF experimental area gate (BGE1) – building 958.

____3.   Team Leader looks in office adjacent to BGE1 to see if beam dump shutter is closed. IF the shutter is not closed then Team Leader closes it

____4.   Team Leader requests simultaneous release from MCR.

____5.   Team Leader opens BGE1 gate turning the CA(EB020) key clockwise, in the OPEN key-switch.

____6.   Sweep Team enters the gate and closes the door behind.

____7.   Sweep Team walks down the labyrinth to the place where the labyrinth joins the experimental area.

____8.   Operator two stands static watch at the mouth of the labyrinth.

____9.   Team Leader walks to BGI1 gate and resets the gate by turning the S/R(EB023) key in the RESET key switch on the BGI1 gate box.

____10. Team Leader observes the Gate Reset Lamp Light

____11   Team Leader walks around the far side of the experimental area opposite from BGI1 (beam right).

____12. Team Leader starts the sweep by resetting the check station 1CS1 with the S/R (EB021) key in the SWEEP key switch.

____13. Observe the amber AREA SECURED light will be lit for 2 seconds.

____14. Team Leader sweeps upstream to the east wall.

____15. Team Leader resets the check station 1CS2 with the S/R(EB021) key in the SWEEP key switch.

____16. Team Leader observes the amber AREA SECURED light will be lit for 2 seconds.

____17. Team Leader sweeps out from behind the experimental target area and joins Operator 2.

____18. Sweep Team sweeps out of the enclosure and up the labyrinth to gate BGE1.

____19. Team Leader ends sweep by resetting check station 1CS3 (BGE1-I box) with the S/R(EB021) key in the SWEEP key switch.

____20. Observe the amber AREA SECURED light will be lit.

____21. Team Leader requests simultaneous release from MCR.

____22. Sweep Team sweeps out BGE1.

____23. Team Leader resets the BGE1 gate at the BGE1 gate box by turning the S/R(EB021) key in the RESET key-switch.

____24. Observe the GATE RESET light will be lit and remain on.

____25. Observe the amber AREA SECURED light will be lit and remain on.

____26. Team Leader verifies with operator in MCR that zone is swept and gate reset.

____27. Team Leader files completed checklist in Completed Sweep Log binder.